

MODIS Technical Team Meeting
Thursday, March 10, 2005
Building 33, Room E125

Vince Salomonson chaired the meeting. In attendance were Barbara Conboy, Eric Vermote, Steve Kempner, Jack Xiong, Chuck McClain, Dorothy Hall, Ed Masuoka, and Robert Wolfe, with Yolanda Harvey taking the minutes.

1.0 Upcoming Events

- MODIS Science Team Meeting, March 22-24, 2005, BWI Marriott, Baltimore, Maryland.
- IGARSS 2005, July 25-29, Seoul, South Korea. Abstracts deadline past (December 8, 2004). <http://www.igarss05.org/>

2.0 Meeting Minutes

2.1 General Discussion

Salomonson noted at the recent ASPRS Annual Meeting in Baltimore there were presentations of the GEOSS (Dr. C. Groat/USGS) and IGOS (G. Withee/NOAA) plans. He said he wanted to ask about NOAA CLASS in those plans, but didn't get the opportunity. Wolfe noted that the first big test of CLASS is to ingest MODIS L0 data. But a lot of work needs to be done in parallel to enable the of other MODIS and EOS instruments products to enable a smooth flow into the long-term archives.

Salomonson went over the agenda for the upcoming MODIS Science Team Meeting in Baltimore. He expects it to be a very good meeting. The first half of the first morning is for introductions and general status reports. Following that will be a poster session which he expects to include about 90 individual posters. The plan is to collect them all and get them published to CD and the MODIS website; these will be invaluable as a display of the project's progress/work. After the poster session there will be four plenary sessions over the next day covering the major thrusts: data access; MODIS data models; climate data records; and data fusion. Following these will be the discipline group meetings, and then closing sessions on the third day.

Salomonson noted that he is participating in the writing of the Terra Extension Proposal (which would extend the mission to 2009). The proposal, under the leadership of Jon Ranson, is shaping up pretty well. The final review will be on April 9th, 2005. He noted that there was so much information that he wanted to include about MODIS, but the proposal necessarily was limited in space and scope so not everything he wanted included stayed in the proposal.

2.2 Instrument Status

Xiong reported that the instrument team would have two posters on MODIS radiometric calibration and two on spatial and spectral characterization for the STM poster session. They've also updated their first-day agenda that will be posted on the MODIS website.

Xiong reported that all instruments are operating normally, and that there are no new issues. MCST is now updating LUTs for both Collection 4 and Collection 5.

2.3 DAAC

Kempler reported that there are two streams of Terra data going to MODAPS in forward processing. They're in a major release mode right now, and everything else is on target.

2.4 SDST

Masuoka noted that they've been working on helping NASA HQ understand which data are in the archives and which of that needs keeping. They're in the process of sorting through what needs to be kept and what doesn't. Salomonson expressed strong interest in that for the Terra Extension Proposal.

Wolfe reported that they've started Collection 5 MODIS/Terra Level 1 reprocessing and forward processing and are probably going to do a public release of the data next week. The MODIS/Terra Collection 4 forward processing will continue through the end of August to allow users to gradually switch to the new collection.

Salomonson asked about the status of the Land products, and Masuoka replied that after the next-to-last science test the public will be able to comment on them. He also reported that all of the Land science software was received for the rerun of the first science test and the test results would be available soon for the Land science team to review (some results are already being analyzed).

Salomonson said that it's very interesting to see comparisons of Death Valley NDVI images from now vs. a year ago, since there's been so much rain in that area.

Masuoka noted that they're shooting for the end-of-March to begin of the Atmosphere Collection 5 reprocessing, and need disk space at the DAAC for L2 Atmospheres products. Wolfe said that the Atmosphere reprocessing is starting to push up against Land's scheduled start date. They're hoping to get the remainder of Atmosphere Collection 5 software by tomorrow.

2.5 Land

Wolfe noted that they're thinking about the SRTM Land/Water mask for use in Collection 6. Vermote said that he thought that we would need something more dynamic than a mask for mapping inland waters because they expand and contract on a regular basis. Wolfe agreed.

Vermote reported that he talked to Justice about the Land agenda for the STM; it's up on the MODIS website, and is in two parts. They'll cover team issues in the first, then housekeeping issues in the second. Diane Wickland is involved with us on sorting out the measurement team's issues and raising a set of objectives.

Vermote reported that the Science Test for Collection 5 is going according to schedule, despite the hiccup at the beginning where we made some changes to make sure we were getting the data right. Collection 6 is still far away, so they're

working on getting avoidable issues taken care of. They want to do this properly. Salomonson asked Vermote if Vermote's product was one of the principle products involved in the testing, and Vermote said yes, it is one of the major ones.

2.6 Oceans

McClain noted that the Oceans group is in the process of extending their product suite, which they plan on discussing at the STM later this month. Several products are ready to go back into production and are just waiting for approval. The team will also update their agenda for the STM on the MODIS website. Also, they're thinking about reprocessing SeaWiFS data to get the suite to the same level as MODIS. That process shouldn't take long.

3.0 Action Items

3.1 New Action Items

No new action items.

3.2 Old Action Items

3.2.1 Robert Wolfe will check on the status of the ephemeris problem on Aqua.
Status: Open.